



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 4

Test Date: March 2009  
Code: 12631784  
SAU: MSAD 71  
School: Sea Road School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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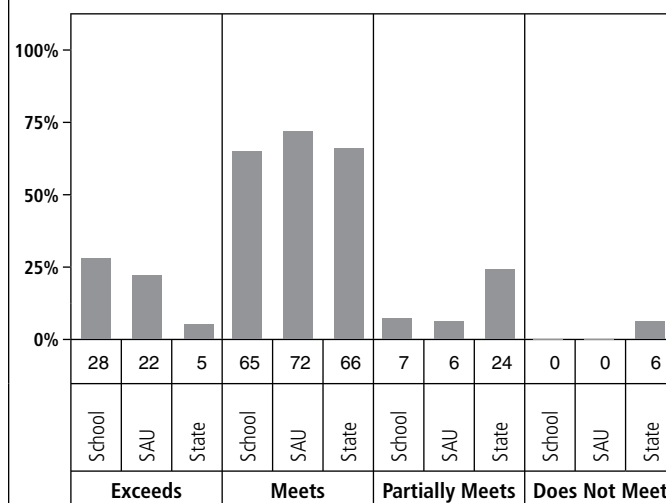
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 4  
SAU: MSAD 71  
School: Sea Road School

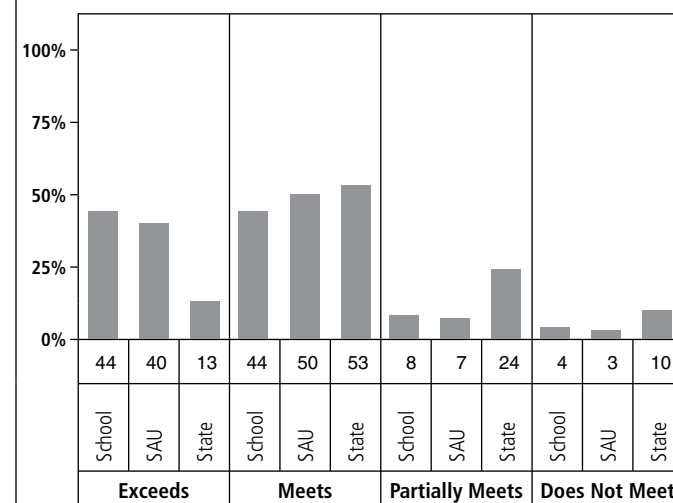
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	453	453	445
2007–2008	452	452	445
<b>2008–2009</b>	<b>456</b>	<b>455</b>	<b>446</b>
Cum. Avg.*	454	453	445
<b>Mathematics</b>			
2006–2007	455	456	445
2007–2008	457	456	445
<b>2008–2009</b>	<b>458</b>	<b>457</b>	<b>446</b>
Cum. Avg.*	457	456	445

## ELA – READING



## MATHEMATICS



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 4  
SAU: MSAD 71  
School: Sea Road School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	108	100	140	100	13805	100	108	100	140	100	13737	100	108	100	140	100	13746	100						
<b>Ethnicity</b> African American/Black	1	1	1	1	419	3	1	100	1	100	410	98	1	100	1	100	416	99						
American Indian or Native Alaskan	0	0	0	0	125	1	0	0	0	0	124	99	0	0	0	0	124	99						
Asian or Pacific Islander	3	3	4	3	229	2	3	100	4	100	223	97	3	100	4	100	227	99						
Hispanic	0	0	0	0	149	1	0	0	0	0	148	99	0	0	0	0	148	99						
Caucasian/White	104	96	135	96	12883	93	104	100	135	100	12832	100	104	100	135	100	12831	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
<b>Identified disability</b>	16	15	25	18	2383	17	16	100	25	100	2366	100	16	100	25	100	2364	99						
<b>Current LEP</b>	3	3	5	4	377	3	3	100	5	100	362	96	3	100	5	100	373	99						
<b>Economically disadvantaged</b>	16	15	19	14	5819	42	16	100	19	100	5782	99	16	100	19	100	5788	100						
<b>Migrant</b>	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100						

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	92	85	115	82	10439	76	92	85	115	82	10471	76						
Identified disability (PET/IEP)	1	1	3	3	351	3	1	1	3	3	367	4						
LEP	3	3	5	4	171	2	3	3	5	4	172	2						
504 plan	0	0	0	0	92	1	0	0	0	0	90	1						
<b>Participation with accommodations</b>	16	15	23	16	3142	23	16	15	23	16	3138	23						
Identified disability (PET/IEP)	15	94	20	87	1860	59	15	94	20	87	1860	59						
LEP	0	0	0	0	186	6	0	0	0	0	198	6						
504 plan	0	0	0	0	71	2	0	0	0	0	73	2						
Other	1	6	3	13	1060	34	1	6	3	13	1043	33						
<b>Participation through alternate assessment (PAAP)</b>	0	0	2	1	155	1	0	0	2	1	137	1						
Identified disability (PET/IEP)	0	0	2	100	155	100	0	0	2	100	137	100						
LEP	0	0	0	0	4	3	0	0	0	0	3	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	1	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	11	0	0	0	0	0	11	0						
<b>Non-participation – other</b>	0	0	0	0	57	0	0	0	0	0	48	0						

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 4  
SAU: MSAD 71  
School: Sea Road School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 462–480)	2006-2007	19	14	20	13	507	4
	2007-2008	20	17	26	16	559	4
	<b>2008-2009</b>	<b>30</b>	<b>28</b>	<b>31</b>	<b>22</b>	<b>672</b>	<b>5</b>
	Cum. Total*	69	19	77	17	1738	4
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 442–460)	2006-2007	107	78	128	80	8749	63
	2007-2008	79	69	112	71	8308	59
	<b>2008-2009</b>	<b>70</b>	<b>65</b>	<b>99</b>	<b>72</b>	<b>8917</b>	<b>66</b>
	Cum. Total*	256	71	339	74	25974	63
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 432–440)	2006-2007	9	7	9	6	3467	25
	2007-2008	15	13	18	11	3922	28
	<b>2008-2009</b>	<b>8</b>	<b>7</b>	<b>8</b>	<b>6</b>	<b>3241</b>	<b>24</b>
	Cum. Total*	32	9	35	8	10630	26
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 400–430)	2006-2007	3	2	3	2	1165	8
	2007-2008	1	1	2	1	1264	9
	<b>2008-2009</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>751</b>	<b>6</b>
	Cum. Total*	4	1	5	1	3180	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Reading Total Points</b>	<b>48</b>	<b>100</b>	38.2	79.6	37.7	78.5	31.6	65.8
<b>A1/A2 Interconnected Elements/Literary Text</b>	<b>24</b>	<b>50</b>	19.4	80.8	19.1	79.6	16.1	67.1
<b>A1/A3 Interconnected Elements/Informational Text</b>	<b>24</b>	<b>50</b>	18.8	78.3	18.5	77.1	15.5	64.6

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.



# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 4  
 SAU: MSAD 71  
 School: Sea Road School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	108	30	28	70	65	8	7	0	0	456	138	22	72	6	0	455	13581	5	66	24	6	446
<b>Ethnicity</b>																						
African American/Black	1										1						408	2	51	31	16	441
American Indian or Native Alaskan	0										0						122	1	59	34	6	444
Asian or Pacific Islander	3										4						221	9	62	22	7	447
Hispanic	0										0						146	1	64	28	6	445
Caucasian/White	104	28	27	68	65	8	8	0	0	456	133	22	72	6	0	455	12684	5	66	24	5	446
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	16	1	6	11	69	4	25	0	0	450	23	4	78	17	0	450	2211	1	39	42	18	439
No	92	29	32	59	64	4	4	0	0	457	115	26	70	3	0	456	11370	6	71	20	3	448
<b>Current LEP</b>																						
Yes	3										5	40	60	0	0	460	357	3	42	36	19	440
No	105	28	27	69	66	8	8	0	0	456	133	22	72	6	0	455	13224	5	66	24	5	446
<b>Economically disadvantaged</b>																						
Yes	16	4	25	8	50	4	25	0	0	453	18	22	56	22	0	452	5677	2	57	32	9	443
No	92	26	28	62	67	4	4	0	0	457	120	23	74	3	0	455	7904	7	72	18	3	448
<b>Migrant</b>																						
Yes	0										0						6	0	67	33	0	445
No	108	30	28	70	65	8	7	0	0	456	138	22	72	6	0	455	13575	5	66	24	6	446
<b>Gender</b>																						
Female	60	17	28	39	65	4	7	0	0	456	78	22	73	5	0	455	6580	7	68	21	5	448
Male	48	13	27	31	65	4	8	0	0	456	60	23	70	7	0	455	7001	3	64	27	6	445
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	6	0	0	4	67	2	33	0	0	444	15	0	87	13	0	447	2127	1	48	42	9	441
No	102	30	29	66	65	6	6	0	0	457	123	25	70	5	0	456	11454	6	69	20	5	447
<b>Gifted/talented program</b>																						
Yes	0										0						324	27	72	1	0	458
No	108	30	28	70	65	8	7	0	0	456	138	22	72	6	0	455	13257	4	65	24	6	446

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 4  
SAU: MSAD 71  
School: Sea Road School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	1	0	0	1	100	0	0	0	0	460	1	0	100	0	0	460	4	2	45	36	17	441
B. less than one hour	69	23	31	45	61	6	8	0	0	456	74	24	70	6	0	455	75	5	67	23	4	447
C. one to two hours	29	7	23	22	71	2	6	0	0	457	25	21	74	6	0	456	18	5	67	23	5	447
D. more than two hours	1	0	0	1	100	0	0	0	0	460	1	0	100	0	0	460	2	3	45	36	16	442
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	48	20	40	27	54	3	6	0	0	459	49	32	64	5	0	457	40	8	71	17	4	449
B. good	43	10	22	31	69	4	9	0	0	455	42	18	75	7	0	454	45	3	66	25	5	446
C. fair	9	0	0	8	89	1	11	0	0	450	8	0	91	9	0	450	13	1	54	35	10	442
D. poor	1	0	0	1	100	0	0	0	0	450	1	0	100	0	0	450	2	0	39	42	19	439
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	56	23	40	34	59	1	2	0	0	459	48	36	63	2	0	458	31	8	69	19	4	448
B. They match some of what I have learned.	38	6	15	28	72	5	13	0	0	454	47	11	81	8	0	453	53	4	68	23	4	447
C. They match just a little of what I have learned.	5	0	0	5	100	0	0	0	0	452	4	0	100	0	0	452	11	2	54	35	10	442
D. There is no match.	2	0	0	0	0	2	100	0	0	438	2	0	0	100	0	438	4	1	39	40	20	439
<b>How hard was the reading part of this test?</b>																						
A. harder than my regular schoolwork	17	2	11	14	78	2	11	0	0	453	15	10	80	10	0	452	19	4	54	31	11	443
B. about the same as my regular schoolwork	72	24	32	45	60	6	8	0	0	457	73	25	69	6	0	456	63	6	69	22	4	447
C. easier than my regular schoolwork	11	3	27	8	73	0	0	0	0	455	12	25	75	0	0	455	18	4	68	23	5	446
<b>How hard were the reading passages on this test?</b>																						
A. Most of the passages were harder than what I normally read.	8	1	13	4	50	3	38	0	0	449	9	8	67	25	0	448	13	0	39	43	17	439
B. Most of the passages were about the same as what I normally read.	48	11	22	36	72	3	6	0	0	456	49	17	78	5	0	454	52	4	69	24	4	446
C. Most of the passages were easier than what I normally read.	44	17	37	27	59	2	4	0	0	458	42	32	64	4	0	457	35	9	72	16	3	449
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	29	13	43	12	40	5	17	0	0	457	27	36	50	14	0	456	21	8	68	19	5	448
B. 20 minutes to an hour	64	16	24	49	73	2	3	0	0	456	62	20	77	2	0	456	55	5	70	21	4	447
C. less than 20 minutes	5	0	0	4	80	1	20	0	0	452	8	0	90	10	0	449	13	2	57	33	8	443
D. I rarely read at home.	2	0	0	2	100	0	0	0	0	452	3	0	100	0	0	449	11	1	51	37	11	442
<b>How many pages do you read in school and to complete homework assignments?</b>																						
A. five or fewer pages	10	2	20	5	50	3	30	0	0	451	9	17	58	25	0	450	25	3	59	30	8	444
B. six to ten pages	15	3	20	11	73	1	7	0	0	454	17	14	82	5	0	453	24	4	64	26	6	445
C. eleven or more pages	75	24	31	50	65	3	4	0	0	458	74	26	71	3	0	456	51	7	70	20	4	448
<b>Optional school/SAU question</b>																						
A.	45	3	60	2	40	0	0	0	0	463	45	60	40	0	0	463						
B.	45	1	20	4	80	0	0	0	0	452	45	20	80	0	0	452						
C.	9	0	0	1	100	0	0	0	0	446	9	0	100	0	0	446						
D.	0										0											

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 4  
SAU: MSAD 71  
School: Sea Road School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 462–480)	2006-2007	35	25	43	27	1054	8
	2007-2008	35	30	40	25	1321	9
	<b>2008-2009</b>	<b>48</b>	<b>44</b>	<b>55</b>	<b>40</b>	<b>1712</b>	<b>13</b>
	Cum. Total*	118	33	138	30	4087	10
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 442–460)	2006-2007	86	62	100	63	7394	53
	2007-2008	66	57	100	63	7079	51
	<b>2008-2009</b>	<b>47</b>	<b>44</b>	<b>69</b>	<b>50</b>	<b>7270</b>	<b>53</b>
	Cum. Total*	199	55	269	59	21743	52
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 430–440)	2006-2007	15	11	15	9	3729	27
	2007-2008	13	11	17	11	3955	28
	<b>2008-2009</b>	<b>9</b>	<b>8</b>	<b>10</b>	<b>7</b>	<b>3219</b>	<b>24</b>
	Cum. Total*	37	10	42	9	10903	26
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 400–428)	2006-2007	2	1	2	1	1735	12
	2007-2008	1	1	1	1	1642	12
	<b>2008-2009</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>1408</b>	<b>10</b>
	Cum. Total*	7	2	7	2	4785	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>48</b>	<b>100</b>	37.6	78.3	37.4	77.9	30.8	64.2
<b>A. Number</b>	<b>20</b>	<b>42</b>	15.5	77.5	15.4	77.0	12.5	62.5
<b>B. Data</b>	<b>8</b>	<b>17</b>	6.4	80.0	6.3	78.8	5.3	66.3
<b>C. Geometry</b>	<b>10</b>	<b>21</b>	7.7	77.0	7.8	78.0	6.5	65.0
<b>D. Algebra</b>	<b>10</b>	<b>21</b>	7.9	79.0	7.8	78.0	6.5	65.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009  
Grade: 4  
SAU: MSAD 71  
School: Sea Road School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	108	48	44	47	44	9	8	4	4	458	138	40	50	7	3	457	13609	13	53	24	10	446
<b>Ethnicity</b>																						
African American/Black	1										1						415	5	41	30	24	439
American Indian or Native Alaskan	0										0						123	12	46	28	13	445
Asian or Pacific Islander	3										4						225	22	45	20	12	448
Hispanic	0										0						147	3	58	30	10	443
Caucasian/White	104	45	43	46	44	9	9	4	4	458	133	38	51	8	3	457	12699	13	54	23	10	447
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	16	1	6	7	44	4	25	4	25	443	23	4	57	22	17	445	2227	3	34	33	30	437
No	92	47	51	40	43	5	5	0	0	461	115	47	49	4	0	460	11382	14	57	22	7	448
<b>Current LEP</b>																						
Yes	3										5	80	20	0	0	467	370	7	35	31	27	439
No	105	46	44	46	44	9	9	4	4	458	133	38	51	8	3	457	13239	13	54	23	10	447
<b>Economically disadvantaged</b>																						
Yes	16	4	25	9	56	1	6	2	13	452	18	22	61	6	11	452	5704	6	48	30	16	442
No	92	44	48	38	41	8	9	2	2	459	120	43	48	8	2	458	7905	18	57	19	6	450
<b>Migrant</b>																						
Yes	0										0						6	17	33	50	0	448
No	108	48	44	47	44	9	8	4	4	458	138	40	50	7	3	457	13603	13	53	24	10	446
<b>Gender</b>																						
Female	60	23	38	29	48	5	8	3	5	456	78	35	55	6	4	456	6591	12	54	24	11	446
Male	48	25	52	18	38	4	8	1	2	460	60	47	43	8	2	459	7018	13	53	24	10	447
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	6	1	17	2	33	2	33	1	17	444	15	7	73	13	7	450	2131	3	41	38	18	440
No	102	47	46	45	44	7	7	3	3	459	123	44	47	7	2	458	11478	14	56	21	9	448
<b>Gifted/talented program</b>																						
Yes	0										0						324	64	34	2	0	464
No	108	48	44	47	44	9	8	4	4	458	138	40	50	7	3	457	13285	11	54	24	11	446

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 4  
SAU: MSAD 71  
School: Sea Road School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	1	0	0	0	0	1	100	0	0	436	1	0	0	100	0	436	4	4	37	30	28	438
B. less than one hour	69	31	42	33	45	6	8	4	5	457	74	37	52	7	4	457	75	13	55	23	9	447
C. one to two hours	29	16	52	14	45	1	3	0	0	461	25	50	47	3	0	461	18	12	54	24	10	446
D. more than two hours	1	1	100	0	0	0	0	0	0	464	1	100	0	0	0	464	2	7	39	29	25	440
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	50	31	58	18	34	1	2	3	6	462	50	53	40	3	4	461	37	22	56	16	7	451
B. good	44	16	34	25	53	5	11	1	2	455	41	30	59	9	2	455	45	9	56	25	9	446
C. fair	6	0	0	4	67	2	33	0	0	449	8	9	73	18	0	450	14	3	46	34	17	440
D. poor	1	0	0	0	0	1	100	0	0	438	1	0	0	100	0	438	3	2	33	35	29	436
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	51	29	53	24	44	2	4	0	0	462	47	48	48	3	0	461	35	19	56	19	7	450
B. They match some of what I have learned.	39	15	36	19	45	6	14	2	5	454	46	32	53	11	3	455	51	11	56	25	8	446
C. They match just a little of what I have learned.	6	1	17	4	67	0	0	1	17	450	4	17	67	0	17	450	10	5	43	31	21	440
D. There is no match.	4	2	50	0	0	1	25	1	25	449	3	50	0	25	25	449	4	3	26	33	37	434
<b>How hard was the mathematics part of this test?</b>																						
A. harder than my regular schoolwork	6	1	17	1	17	3	50	1	17	441	7	11	33	44	11	442	17	5	44	31	20	441
B. about the same as my regular schoolwork	64	29	43	32	47	4	6	3	4	458	64	41	51	5	3	458	62	13	57	23	7	448
C. easier than my regular schoolwork	31	17	52	14	42	2	6	0	0	461	29	43	53	5	0	459	21	18	53	19	10	449
<b>On average, how many minutes a day do you spend working on mathematics in class?</b>																						
A. less than 30 minutes	2	1	50	0	0	1	50	0	0	453	2	33	0	67	0	447	7	6	36	32	27	438
B. 30–45 minutes	8	0	0	7	78	0	0	2	22	446	7	0	78	0	22	446	25	7	52	28	12	444
C. 45–60 minutes	10	4	36	5	45	0	0	2	18	453	10	31	54	0	15	453	38	14	56	22	8	448
D. more than 60 minutes	79	42	49	35	41	8	9	0	0	460	82	44	49	7	0	459	30	18	56	19	7	449
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	2	0	0	2	100	0	0	0	0	455	1	0	100	0	0	455	3	4	36	31	28	438
B. two or three days a week	31	18	55	11	33	4	12	0	0	461	24	55	33	12	0	461	12	13	51	26	10	446
C. two or three times each month	32	17	50	16	47	1	3	0	0	460	26	49	49	3	0	460	32	15	58	20	7	449
D. never or almost never	36	12	32	18	47	4	11	4	11	452	48	28	58	8	6	454	53	11	53	25	11	446
<b>How often do you use hands-on materials in mathematics class?</b>																						
A. almost every day	39	18	43	16	38	6	14	2	5	457	38	37	45	14	4	456	26	12	50	25	13	445
B. two or three days a week	46	25	51	22	45	1	2	1	2	460	45	48	49	2	2	459	32	14	57	21	7	448
C. two or three times each month	12	4	31	7	54	1	8	1	8	454	14	26	63	5	5	454	26	13	56	22	8	448
D. never or almost never	3	0	0	2	67	1	33	0	0	445	3	0	75	25	0	446	17	9	50	27	13	444
<b>Optional school/SAU question</b>																						
A.	45	4	80	1	20	0	0	0	0	468	45	80	20	0	0	468						
B.	45	2	40	3	60	0	0	0	0	458	45	40	60	0	0	458						
C.	9	0	0	1	100	0	0	0	0	446	9	0	100	0	0	446						
D.	0										0											

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